### PATENT COOPERATION TREATY

# **PCT**

#### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference E - 2137/04	FOR FURTHER ACTION	as well	see Form PCT/ISA/220 as, where applicable, item 5 below.
International application No.	International filing date (day/month	h/year)	(Earliest) Priority Date (day/month/year)
PCT/IB2004/001142	15/04/2004		18/04/2003
Applicant  BELLCO S.P.A.			
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Sea Insmitted to the International Burea	rching Auth J.	nority and is transmitted to the applicant
This International Search Report consists  X  It is also accompanied by	of a total of <u>6</u> sh a copy of each prior art document o		report.
	international search was carried ou ess otherwise indicated under this i		is of the international application in the
The international this Authority (Ru	search was carried out on the basis le 23.1(b)).	of a transla	ation of the international application furnished to
b. With regard to any nucleon	otide and/or amino acid sequence	disclosed	in the international application, see Box No. I.
2. X Certain claims were fou	nd unsearchable (See Box II).		
3. X Unity of invention is lac	king (see Box III).		
4. With regard to the title,			
the text is approved as su	bmitted by the applicant. hed by this Authority to read as folk	we.	
L the text has been establis	ned by this rationly to read as lone		
5. With regard to the abstract,			
the text is approved as su		hic Authorit	y as it appears in Box No. IV. The applicant
may, within one month fro	m the date of mailing of this interna	tional searc	h report, submit comments to this Authority.
6. With regard to the drawings,			
a. the figure of the drawings to be p		No. <u>1</u>	
X as suggested by	• •	- الممالا-	and Course
	s Authority, because the applicant f s Authority, because this figure bett		
- Land	s Authority, because this rigure bett e published with the abstract.	or orialacite	ness die mychaon.

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### INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: 9,18-23 because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39(iv) PCT - Method for treatment of the human or animal body by surgery
Claims Nos.:     because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
1. X As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  X  No protest accompanied the payment of additional search fees.

### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-8,10

Device for arterialization comprising at least two catheters and a (three way) connection between said catheters.

2. claims: 11-17

Machine for regeneration comprising at least two catheters, an extracorporeal circuit to connect the catheters and an oxygenation device.

## A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61M1/36 A61M39/22

According to International Patent Classification (IPC) or to both national classification and IPC

#### **B. FIELDS SEARCHED**

 $\frac{\text{Minimum documentation searched (classification system followed by classification symbols)}{\text{IPC 7}}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 800 374 A (BEYERSDORF FRIEDHELM) 1 September 1998 (1998-09-01) column 2, line 60 - column 3, line 21; figures	1-4,6-8, 10
X	EP 0 364 799 A (BGH MEDICAL PRODUCTS) 25 April 1990 (1990-04-25) column 11, line 46 - line 51; figures	1-8,10, 11
Α	DE 198 23 146 C (PAJUNK HEINRICH; PAJUNK HORST (DE)) 8 July 1999 (1999-07-08) column 2, line 54 - column 3, line 10; figures	1-4
Α	US 4 865 583 A (TU HO C) 12 September 1989 (1989-09-12) column 4, line 37 - column 5, line 12; figures	1-4

Further documents are listed in the continuation of box C.	Y Patent family members are listed in annex.
<ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier document but published on or after the international filling date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filing date but later than the priority date claimed</li> </ul>	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>
Date of the actual completion of the international search  24 February 2005	Date of mailing of the international search report  0 3 NAR 2905
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nt,  Fax: (+31-70) 340-3016	Authorized officer  Kousouretas, I

		PC1/162004/	001146
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ategory °	Citation of document, with indication, where appropriate, of the relevant passages	Rel	evant to claim No.
A	US 4 950 230 A (KENDELL LAMAR C) 21 August 1990 (1990-08-21) abstract; figures		1-4
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X	US 2002/077581 A1 (DAVIDNER ALAN ET AL) 20 June 2002 (2002-06-20) paragraphs '0024! - '0033!; figures		11-15
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